

Product datasheet for **RN213351**

Ptcd3 (NM_001134718) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ptcd3 (NM_001134718) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ptcd3
Synonyms:	MGC112724
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN213351 representing NM_001134718
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGGCGGAGCGGCTGCTCGCTGTTTGCCTTTCGACGGTCTTGTCTTGCTGCGGACCCTCGGG
 AAACGGGTGTGTATGAACCGAAGCTCTGTTGCAGATTTTATCCTGGAAGTGAATCCCTCCCAAAGGTTGA
 AGGAACAGATATAACAGGGATTGAAGAAATAGTATTCCAAAAAGAAAACATGGGATAAAGTGCCGTT
 CTTCAAGCACTTGCATCCACAGTAACCAGGGATCCTACAGCTGCACCTTACGTGTTTCAGGATGACCCTT
 ACCTCATACCAACCTCTGCGATGGAGTCTCGTTGTTTTATTGGCAAAGAAATCTGGAGAGACTGCAGC
 AAAGTTTATTATTAATTCACATCCCAAATTTCCAAAAGGATATAGCTGAGCCTCATATACCGTGCTTA
 ATGCCCGAGTACTGGAGCCTCAGATTGAAGGTGTGAGTGAAGCTGCCCTGAAGGAACGAGTCAAACCTCA
 AAAGAGTCAAAGCTTCAGTGGACATTTTACCAGCTCTTGAAGCAGGAACACAGTCTCTCTTGAAC
 AACTAATAGTCTTTGGATTTATTGTGTTACTATGGTGATCAAGAGCCCCAGCTGACTATCCTTTTCAA
 CAAACCGAACATTTGGAAAACCTTGAAGAGGCTGCTGAGGAAAACAACCAACACCCAGGATGGAGTCTG
 GTCTTTGGAAAGCACAAAACAATGCCGAGAGAATCTTTGCTCTGATGCCAGAGAAAAATGCACGCTCCTA
 CTGCACGATGATCCGAGGGATGGTGAAGCACCGAGCTTATGCACAGGCGTTGAACCTGTACACTGAGTTA
 TAAATAACAGACTTAGTGCTGATGATACACCTTTAATGCATTGATTGAAGCAAAAACATTCATCCCA
 ATGAGAAAATTTGAGGAAAAATGGAATGATATATTGGATCTACTAAGACATATGGTTGCACAGAAGGTAAA
 GCCAAACCTGCAGACGTTAACACAACGCTGAAATGTCTCCGCAAGTTTCATTCACTTGGAAAGGCTACCA
 GCCTTACAGATACTACGTGAAATGAAACATATTGGAATAGAACCCTCACTTGAACCTTACCATCATATCA
 TTCACCTCTTTTACCACGAGATAGTAGCTCTATAAAAAATACCATCCCTTATCATCTATGATATCATGAA
 TGAATTAGAGGGAAGAACATTTTCTCCACAGGACCTGGATGATGATAAAATTTTCCAGTCGGCCATGACT
 GTGTGTTTCTCTCAGAGATTTAGAGCTTGTACCAATTACATGGTCTTTTAAACACGGGAGACAACC
 GAAAACCTGATTGGACCTGATTCTCAGCGTAAAGCGTATTATTCGAAGTTTTTTCAGTTTGTGTTCACT
 GGAACAAATTGATGTCACCCTGAAGTGGTATAAGGACCTGATACCTTTCAGTATTTCTTCCCCTCCCAA
 ATATTCATAGGTCTTCTCAAGCAGTGGATGTGGCCAATAGGTTAGAAATGGTTCCTCAGATTTGAAAAG
 ACAGTAAAGAATATGGCCATACTTTTCGAGGTGCCCTAAGAGAAGAAGTGTGATGCTCATGGCCAGGGA
 TAAACATTCACCAGAGCTTCAGGTTGCATTTGCTGACTGTGCTGATATCAAATCCACATATGAAAAC
 CAGGATGCCCGCAGACAGCTCTTGATTGGCCAGCCAACCCTTACATTATATAGCCTTCTTTTTTTAA
 GAGGGGGCAGAACCCAGGAAGCCTGGAAAATGTTGACACTTTTCAGAAAGCATAATAAGATTCAGAAA
 TGAGTTGCTGGAGGAATTTATGGACACAGCAAAAGCATCCAGTAGCACTACTCTGGCCATTGAGGTTGTC
 AGGCTGGCAAGTGCCTTTAGCTTGCCTATTAGTGAAGCCTTGCCTAAAGAGTAATGATGGATTTACAG
 TTGACCCAGAGCAAAAAGAAGCCCTGAGTAACCTCACTGACTGAACAGTAGTATGGAGAAAGCAGCAG
 TGACAGTGACAGTGACATCAGTGAACAATA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001134718

Insert Size: 2064 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001134718.1, NP_001128190.1</u>
RefSeq Size:	2634 bp
RefSeq ORF:	2064 bp
Locus ID:	500199
Cytogenetics:	4q31